POWERFUL PC PERFORMANCE

Enjoy powerful performance with Intel's newest hafnium-based Intel® Core™ 2 Duo T8100 processor (2.10GHz[1]) with 3MB of L2 cache. This next-generation hafnium-based Intel® technology turns up the speed on multi-tasking while curbing energy consumption making it faster and more efficient than ever.

The VAIO® LT Digital Home System comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium.

Offering a massive boost in wireless connection speed and range, work and play quicker anywhere within your office or home using next-generation integrated 802.11a/b/g/n wireless LAN technology[10].

Store your recorded programs, family pictures and videos and important documents on the massive 500GB[2] (7200RPM) hard drive.

ALL-IN-ONE PC/TV COMBO

Built-in TV tuners let you enjoy incredibly crisp, live and recorded TV on a 22"[8] widescreen flat panel display.

Mount your 22" widescreen display[8] on your bedroom, kitchen or office wall[15] and store the fold-up wireless keyboard underneath for a chic, space-saving computing experience.

Stay connected to colleagues, friends and family at home or at the office with real-time video conferencing[11] using the integrated MOTION EYE® camera and microphone.

Wireless keyboard and mouse free you to work from your sofa without cables.

STUNNING HD ENTERTAINMENT

Watch your Blu-ray Disc™ media[16] in stunning HD on the 22" widescreen LCD display[8] using XBRITE-HiColor™ LCD technology, so you can see deeper blacks, brighter whites, true-to-life color and razor-sharp detail from almost any angle.

With integrated Blu-ray Disc™ technology and optical drive, you can create or record 25-50GB[2] of home movies[14], music, and digital photos to a single Blu-ray Disc™ media (sold separately).

Hear your music like never before and enjoy the incredibly rich and full sound that Sony's original Sound Reality™ technology delivers.

The VAIO® LT HD PC/TV is a TV, PC, DVR and Blu-ray Disc™ player/recorder[14,16] that is all-in-one. With a Blu-ray Disc™ optical drive for HD video playback[15] and DVR capable of storing 50 hours of HDTV, this super-powerful PC/TV utilizes an Intel® Core™ 2 Duo and 3GB RAM to deliver an astonishing high-definition home entertainment showpiece.

intel Core 2 Duo inside Do More

Windows Vista Home Premium

HDNA

Blu-ray Disc™

WiFi CERTIFIED

XBRITE-HiColor™

SONY

VGC-LT28E

VAIO® LT HD PC/TV All-in-one

Specifications

General

Computer Type: Desktop

Type of Use: All-in-one

Hardware

Keyboard: 99 keys, 19.05 mm pitch, 2.7 stroke

Action Buttons: Action Buttons on Keyboard - Standby, S1, S2, S3, Volume, Muting, Power On/Off.
Action Buttons on PC - Display On/Off, Wireless On/Off, Keyboard/Mouse connection.

Camera: Built-in 1.3 megapixel MOTION EYE® camera and microphone

Mount Design: VESA-100[15]

Processor

Type: Intel® Core™ 2 Duo Processor T8100

Speed: 2.10GHz[1]

Front Side Bus Speed: 800MHz

L2 Cache: 3MB

Memory

Type: DDR2

Installed: 3GB (2GBx1+1GBx1) PC2-5300

Maximum: 4GB[13]

Speed: 667MHz

Hard Drive

Capacity: 500GB[2]

Speed: 7200rpm

Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 2.4x max.

DVD+R Write: 8x max.

DVD+RW Write: 4x max.

DVD-R Write: 8x max.

DVD-RW Write: 4x max.

CD-R Write: 8x max.

CD-RW Write: 8x max.

DVD±RW: Yes[3]

CD Read: 24x max.

DVD Read: 8x max.

DVD-RAM Write: 5x max.

DVD-R DL Write: 2x max.

BD-R Read: 2x max.

BD-R Write: 2x max.

BD-RE Write: 2x max.

BD-ROM Read: 2x max.

BD-RE Read: 2x max.

BD-R DL Read: 1.6x max.

BD-R DL Write: 1x max.

DVD-RAM Read: 5x max.

Blu-Ray Disc™ Support: Yes[16,17] (BD-RE/ROM/DVD±R DL/DVD±RW/-RAM)

BD-RE DL Read: 1.6x max.

BD-RE DL Write: 1x max.

Expansion Slots

Multimedia Card Reader: Supports optional Memory Stick® and Memory Stick Duo™ media (sold separately) with MagicGate® functionality
One PCMCIA - Type II/Type I card slot with CardBus support
One ExpressCard® /34 Slot
One Secure Digital (SD™ memory card) Slot

TV Tuner: Yes - ATSC and NTSC support

Audio

Sound System: Sony® Sound Reality™ - Audio Enhancer

Speakers (Total): 2 x 3 Watt stereo speakers + 5 Watt subwoofer

Display

Screen or Display Technology: WSXGA+

Screen Size: 22"[8]

Resolution: 1680×1050

XBRITE-HiColor™ Technology: Yes

Graphics

Processor: NVIDIA® GeForce® 8400M GT GPU with Total Available Graphics Memory of 1535MB (max.)[12]

Video RAM: 256MB dedicated video memory

Chipset: Mobile Intel® PM965 Express Chipset

Inputs and Outputs

Audio In: 1 (Line In)

Headphone Jack: 1

i.LINK® Interface: 1 4-pin interface[4]

Modem Jack: 1

Microphone Input: 1

Optical Audio Output(s): 1

S-Video Input(s): 1

USB Port(s): 5 (2.0 compliant)

DC-In: 1

TV Tuner: NTSC and ATSC support

S/PDIF Output(s): 1

Ethernet Connection (s): 1

Networking/Modem

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T

Modem Type: V.92/V.90 compatible data/fax modem (RJ-11)

Wireless LAN: Intel® PRO/Wireless 4965AGN Network Connection (802.11 a/b/g/n)[10]

Power

Power Requirements: 168W+10%

Input Voltage: 100-240V

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium

Internet Services: AOL® 90-Day Risk Free Trial - For new users only

Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[9].

Sony® Original Software: Click to Disc™ - DVD Creation
LocationFree Player® Software
*Please access VAIO® Help and Support from your PC for a complete list of software and trial applications.

Security and Anti-Virus Software: Norton 360™ All-In-One Security 60-day Trial

Service and Warranty Information

Telephone Support: 1 Year toll-free technical telephone assistance, available 24-hours, 7-days-a-week[7]

Online and Email Support: Online and Email Support --- Limited Support available from http://www.esupport.sony.com/EN/VAIO
See actual warranty for details.

Limited Warranty Term: 1 Year Limited Warranty[6]

Dimensions

Weight: 21.4 lbs.[5]

Measurements: 25.3"(W) x 16.5"(H) x 7"(D)[5] (CPU and Display only)

Supplied Accessories

AC Adapter (VGP-AC19V17)

Remote Control (2 batteries)

Wireless Keyboard (4 batteries)

Wireless Mouse (2 batteries)

8cm Disc Adapter

Color: Silver

UPC Code: 27242733794

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to storage capacity. Accessible capacity may vary. A portion of storage space is reserved as a recovery partition.
3. DVD Media/Formats are not universally compatible.
4. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
5. Non-metric measure is approximate and may vary.
6. See actual Limited Warranty for details. For a copy of Sony's warranty, please visit www.esupport.sony.com, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
7. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
8. Viewable area measured diagonally.
9. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
10. Requires compatible 802.11 a/b/g/n wireless LAN access point, sold separately. Internet connection may require fees.
11. Broadband Internet service required along with hird party services which may require a subscription or other service fee.
12. Total Available Graphics Memory refers to the new Windows Vista classification of graphics memory, which is the total of Dedicated Video Memory, System Video Memory and Shared System Memory. Shared System Memory varies depending on the operating condition and system memory size.
13. A portion of the system memory over 3GB may not be available to the operating system.
14. Video recording to Blu-ray Disc™ media is done in MPEG2 and AVC formats only.
15. HD cable service required along with third party services which may require a subscription or other service fee.
16. As with other optical media devices, circumstances may limit compatibility or prevent Blu-ray Disc™ media playback. VAIO computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit rates.
15. Requires wall bracket, sold separately. Restrictions may apply.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware option except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of non-Sony products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Some pre-installed software titles may not include full documentation. Software titles pre-installed on the Sony Desktop Computer are subject to change without notice. Simulated graphic shown on display. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Weights and measurements are approximate and may vary.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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